



User Manual



DTR PC Software

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INTRODUCTION

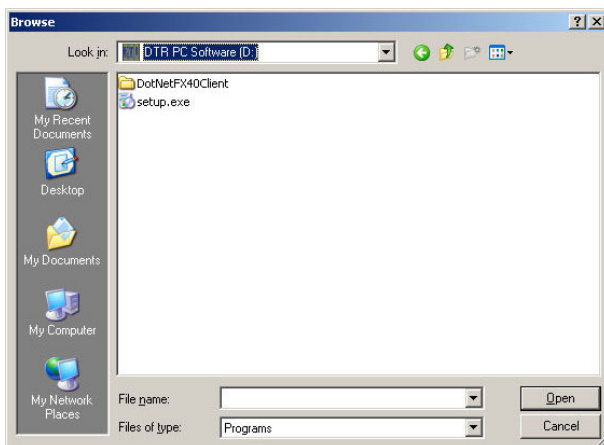
The DTR printing thermometer PC software is used to configure the thermometer and retrieve stored readings from it.

The DTR can store up to 4 labels (user selectable). Each label has an assigned high and low limit (user selectable). When a temperature is taken the label and limits will be printed on the ticket and stored with the readings.

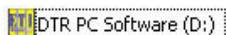
The following pages explain how to adjust the user selectable information shown on the DTR display and the printed ticket and retrieve the stored readings. Place the CD in the CD drive.

TO INSTALL THE DTR PC SOFTWARE

The CD will auto-run. (If it does not, click 'Start', 'Run...', browse to the CD drive and click 'Setup.exe'



or double click the 'My Computer' icon on the Desktop and double click the CD drive.



When the 'Delivery Temperature Recorder Setup Wizard' box appears click the next button.

The program files will be installed by default to...

"C:\Program Files\ETI Ltd\Delivery Temperature Recorder\"
(Recommended).

The 'Browse' button can be used to install to an alternate location (Advanced Users).

The 'Disk Cost' button will show the space on available drives and the amount required.

The software may be installed for the current user or all users of the PC. The default installation is 'Everyone'. Select the alternate button for 'Just me' (Advanced Users).

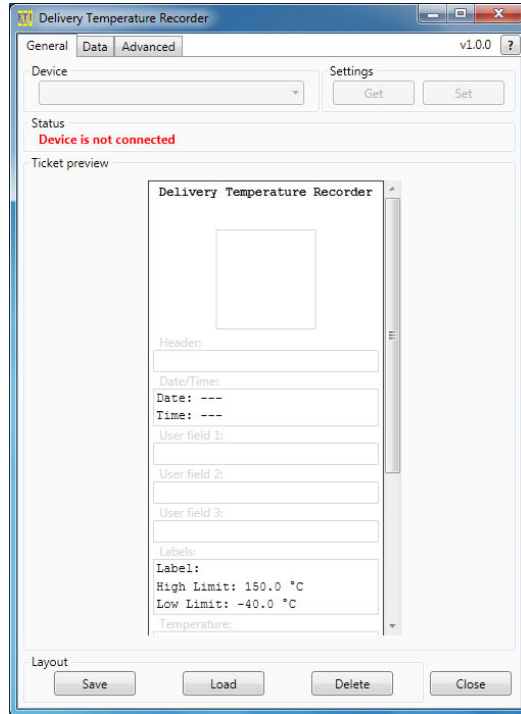
The final installation dialogue box gives a last opportunity to go back and revise the installation settings. Click the 'Next' button to install the software. A moving bar will show the installation progress.

Click the 'Close' button to exit the installation procedure.

An icon for the Delivery Temperature Recorder will be placed on the desktop.

A Data Temperature Recorder shortcut will be placed in 'Start menu' - 'Programs' - 'ETI Ltd'.

GENERAL TAB



DEVICE

Lists all DTR's currently plugged into the PC.

SETTINGS

GET - retrieves current settings and ticket layout from the DTR.

SET - configures the DTR with selected settings and ticket layout.

STATUS

Displays the number of readings stored in DTR memory and the time the DTR was synchronised.

TICKET PREVIEW

Allows the 'Ticket layout' to be modified in 'what you see is what you get (WYSIWYG)' style. Edit mode is entered by hovering the mouse cursor over the fields within the ticket area. All user-selectable fields and their descriptions appear. Leaving the ticket area, disables the edit mode and the actual ticket layout is shown.

LAYOUT

SAVE – saves the current ticket layout to the PC.

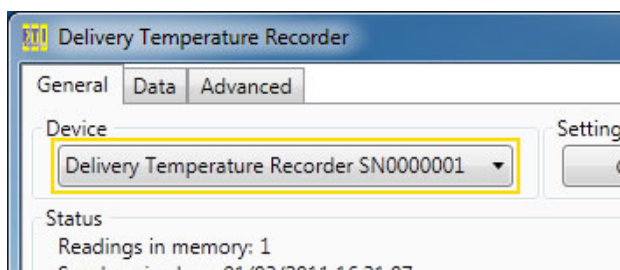
LOAD – loads saved ticket layout from the PC.

DELETE – deletes a saved ticket layout.

CLOSE – closes the software.

SELECTING A DTR

If more than one DTR device is plugged into the PC, use this drop-down list to select the appropriate one.

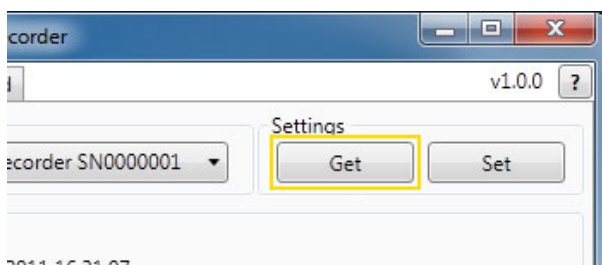


When a DTR is selected, the settings stored in it will be downloaded automatically.

WARNING: any changes made to the currently displayed ticket layout or settings will be overwritten.

GETTING SETTINGS FROM THE DEVICE

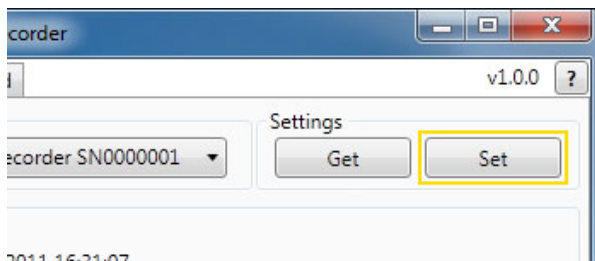
To retrieve the ticket layout and settings stored on the DTR device, click the 'Get' button in the 'Settings' section.



Do not disconnect device from the PC until operation complete.

CONFIGURING THE DTR

To configure the DTR with the current ticket layout and settings, click the 'Set' button in the 'Settings' section.

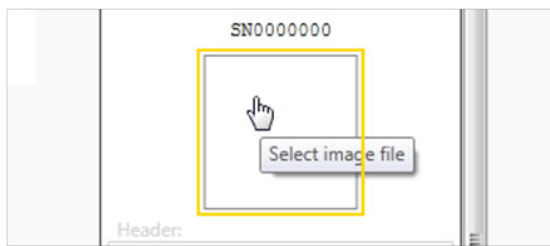


Do not disconnect device from the PC until operation complete.

MODIFYING THE TICKET LAYOUT

SELECTING AN IMAGE

To select an image to be displayed on the ticket, hover the mouse cursor over the image area or existing image in the 'Ticket layout' section. The cursor will change to a hand shape and clicking on the area or image will show the 'Select image' dialogue box.

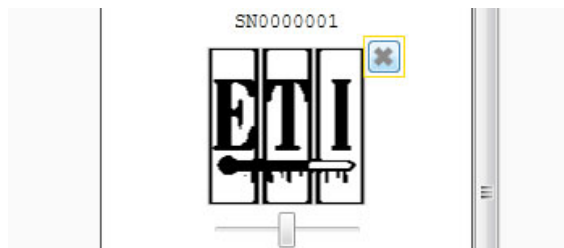


Select an image file from the PC and click 'Open'.

The DTR can only print black and white so the image will be converted to black and white. If contrast adjustment is needed, use the slide control. To make the image lighter slide the control to the left. To make the image darker slide the control to the right.



To erase the existing image, click the 'X' button at the top right corner of the image area.



EDITING USER FIELDS

There are eight user selectable fields on the ticket layout: 'Header', 'User Fields 1-3' and 'Footers 1-4'.

Hover the mouse cursor over the corresponding field to highlight and click on it to modify.

If a field is left empty, it will not be displayed on the 'Ticket layout' when the edit mode is exited (and therefore, will not be printed).

CHANGING THE DATE/TIME FORMAT

To change the Date/Time format to either UK (dd/mm/yy hh:mm:ss) or US (mm/dd/yy hh:mm:ss), hover the mouse cursor over the 'Date/Time' field in the 'Ticket layout' area. The cursor will change to a hand shape and clicking on the area shows the format pop-up box. Select the required format from the pop-up box.

Header:

Date/Time:

Date: 01/03/2011

Time: 16:31:26

User field 1:

User field 2:

Date/Time format: ☒ UK ☐ US

DEFINING THE LABELS AND LIMITS

Up to four labels can be defined for use in the DTR. To define labels and their high and low limits simply hover the mouse cursor over the 'Labels' field on the 'Ticket layout' area. Clicking on it will show the 'Labels' pop-up box. Edit the label name and select the high and low limits from the appropriate scroll lists.

Labels:

Label: Room

High Limit: 30.0 °C

Low Limit: 15.0 °C

Temperature:

Actual Temperature:

REJECT

Signature

Footer 1:

Label	High limit	Low limit
<input checked="" type="radio"/> Room	30.0 °C	15.0 °C
<input type="radio"/> Fridge	5.0 °C	0.0 °C
<input type="radio"/> Freezer	0.0 °C	-40.0 °C
<input type="radio"/> Oven	150.0 °C	100.0 °C

CHANGING THE TEMPERATURE UNITS

To change temperature units to either °C or °F, hover the mouse cursor over the 'Actual Temperature' field on the 'Ticket layout' area. The cursor will change to a hand shape and clicking on it will show the measurement pop-up box. Select the required measurement units from the pop-up box.

Label: Room

High Limit: 30.0 °C

Low Limit: 15.0 °C

Temperature:

Actual Temperature:

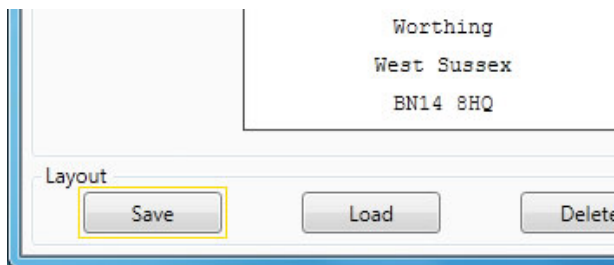
REJECT

Signature

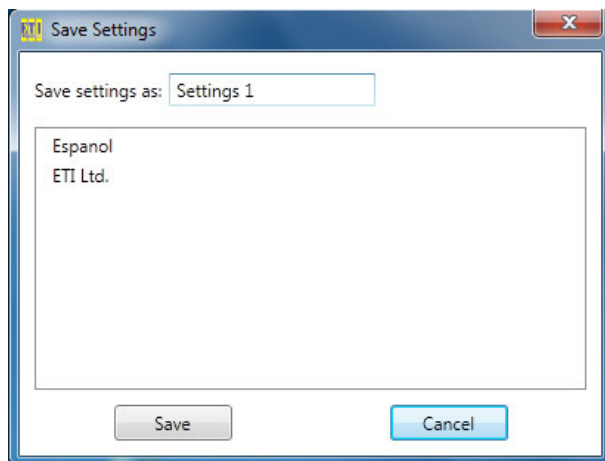
Measurement in: ☒ °C ☐ °F

SAVING THE TICKET LAYOUT AND SETTINGS TO THE PC

To save the current 'Ticket layout' to the PC, along with the selected settings, click the 'Save' button in the 'Layout' section.

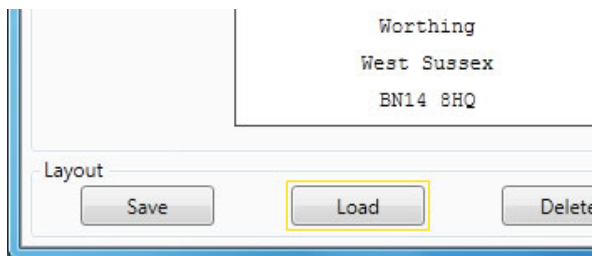


To save the settings to a new name type the name in the 'Save settings as' dialogue box. To overwrite settings that have already been saved, select a name from the list below the 'Save settings as' dialogue box.



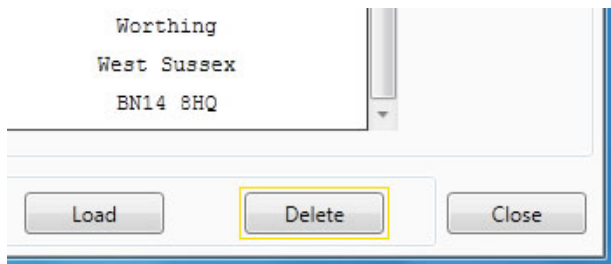
LOADING THE TICKET LAYOUT AND SETTINGS FROM THE PC

To load previously saved settings from the PC, click the 'Load' button in the 'Layout' section and select the settings from the list in the 'Load' settings dialogue box.

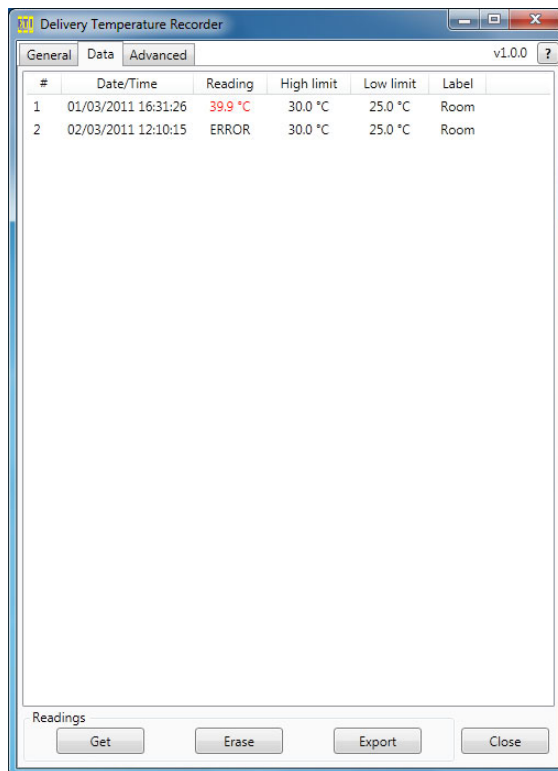


DELETING SAVED TICKET LAYOUT AND SETTINGS

To delete previously saved settings click on the 'Delete' button in the 'Layout' section and select the settings from the list in the 'Delete' settings dialogue box.



DATA TAB



#	Date/Time	Reading	High limit	Low limit	Label
1	01/03/2011 16:31:26	39.9 °C	30.0 °C	25.0 °C	Room
2	02/03/2011 12:10:15	ERROR	30.0 °C	25.0 °C	Room

Readings

Get Erase Export Close

RETRIEVING STORED READINGS FROM THE DTR

To sort the readings by heading, click on a column header.

READINGS:

GET – retrieves all readings stored in the DTR.

ERASE – erases all readings stored in the DTR.

EXPORT– export downloaded readings to Excel format.

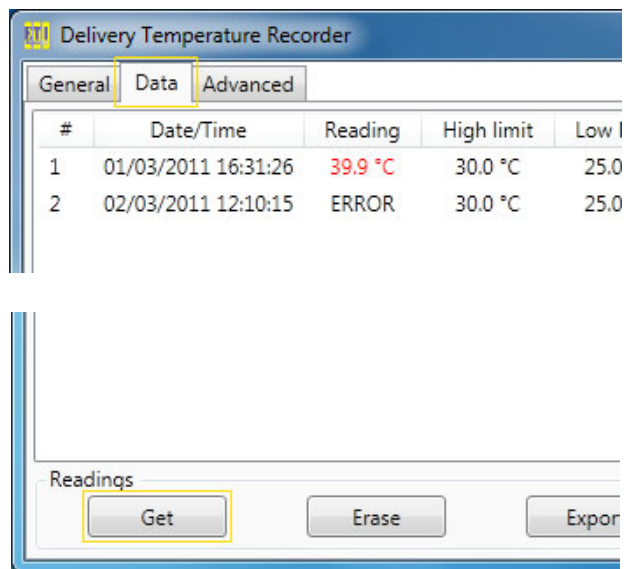
CLOSE – closes the software.

DOWNLOAD READINGS FROM THE DTR

Click the 'Get' button in the 'Readings' section.

WARNING: Previously downloaded readings will be overwritten.

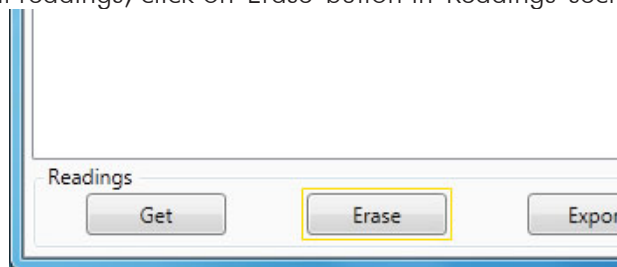
WARNING: Do not disconnect the DTR while readings are being transferred from it.



Information displayed in the list are Reading Number (#), Date/Time, Reading, High Limit, Low Limit and Label. Readings can be sorted in ascending or descending order by clicking the appropriate column header.

ERASING READINGS FROM THE DTR

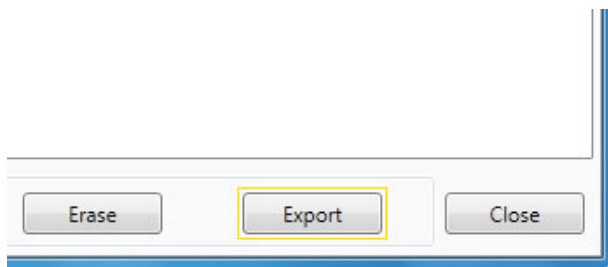
To clear all readings, click on 'Erase' button in 'Readings' section.



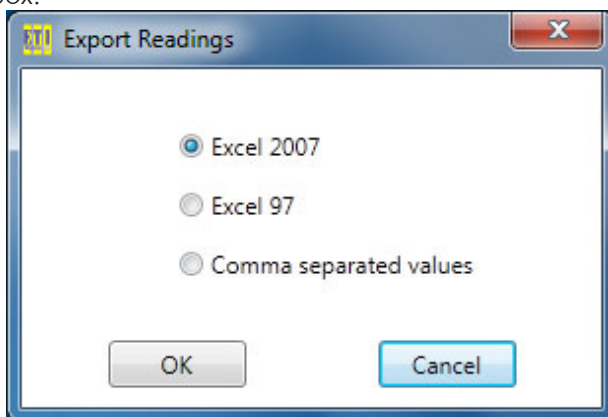
WARNING: once erased, readings cannot be restored.

EXPORTING READINGS TO EXCEL FILE

Downloaded readings can be exported to an 'Excel' file. To do so, click on the 'Export' button in 'Readings' section.



In the open dialogue box, select appropriate format, click 'OK' and then type the file name or select an 'Excel' file to overwrite in the 'Save' file dialogue box.



ADVANCED TAB

Delivery Temperature Recorder v1.0.3

General | Data | **Advanced**

Operation of the probe button
Printing delay in seconds: 10
Number of copies to be printed: 0

☒ Auto-off
Auto-off after (value in minutes): 10

Ticket headings

READING NUMBER	Reading #
DELIVERY TEMPERATURE RECORDER	Delivery Temperature Recorder
DATE	Date:
TIME	Time:
LABEL	Label:
HIGH LIMIT	High Limit:
LOW LIMIT	Low Limit:
ACTUAL TEMPERATURE	Actual Temperature:
SIGNATURE	Signature
ACCEPT	ACCEPT
REJECT	REJECT
ERROR	ERROR

Messages on the DTR display

PRINTING	Printing...
COPY?	Copy?
PAPER OUT	Out of paper
SWITCH OFF	Switch off

Advanced Settings

Default Close

OPERATION OF THE PROBE BUTTON

Printing delay in seconds – sets the time delay between pressing the remote button on the probe and the print-out.

Number of copies to be printed – sets the number of copies to be printed continuously by pressing the remote button.

AUTO-OFF

Sets the auto-off time in minutes after which the DTR switches off automatically when idle.

TICKET HEADINGS

The headings printed on the ticket can be changed to suit the user requirements (changes made will be reflected on ticket layout immediately).

MESSAGES ON THE DTR DISPLAY

The messages shown on the DTR display can be changed to suit the user requirements.

ADVANCED SETTINGS

UPDATE – configures the DTR with the advanced settings.

DEFAULT – resets advanced settings back to default values.

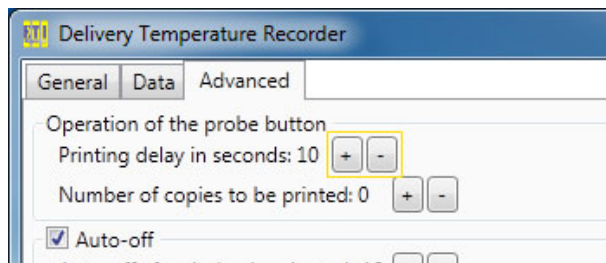
CONFIGURING DTR WITH THE ADVANCED SETTINGS

To configure the DTR with the advanced settings (operation of the remote button, Auto-off, Ticket headings and Messages on the DTR display) change the settings on the 'Advanced tab' page and click the 'set' button on the 'General tab' page to update the settings in the DTR. (see page 8).

WARNING: Do not disconnect the DTR while advanced settings are being transferred to it.

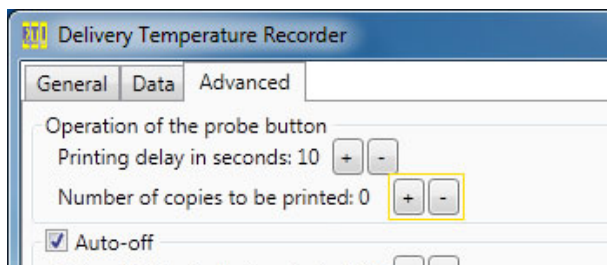
CHANGING THE DELAY TIME FOR REMOTE BUTTON PRINTING

To increase or decrease the printing delay time for the remote button, (on the probe handle), click the '+' or '-' boxes respectively. The boxes are located next to 'Printing delay in seconds' text in the 'Operation of the probe button' section. The minimum value is 0 seconds (printing starts immediately) and the maximum value is 30 seconds (default = 10 seconds).



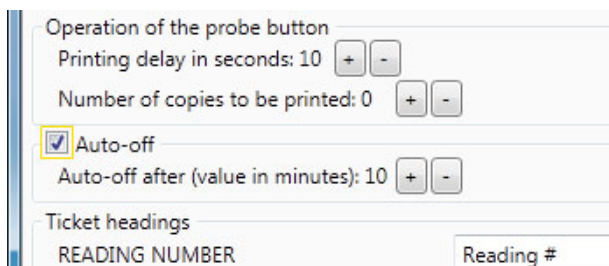
CHANGING THE NUMBER OF COPIES TO BE PRINTED WHEN REMOTE BUTTON IS PRESSED

To increase or decrease the number of copies to be printed when pressing the remote button, click the '+' or '-' boxes respectively. The boxes are located next to 'Number of copies to be printed' text in the 'Operation of the probe button' section. The minimum number is 0 (no copies to be printed, just the original ticket) and the maximum is 3 (default = 0).



ENABLING/DISABLING THE AUTO-OFF

To maximise battery life, the DTR can be set up to switch off automatically after given period of time. To enable this feature, tick the 'Auto-off' checkbox in the 'Auto-off' section. To disable 'Auto-off', de-select the checkbox.



SETTING THE AUTO-OFF TIME

To increase or decrease the time period after which the DTR is automatically switched off when idle (no buttons being pressed), click the '+' or '-' boxes respectively. The boxes are located next to 'Auto-off after (value in minutes)' text in the 'Auto-off' section. The minimum time is 1 minute and the maximum time is 30 minutes (default = 10 minutes).

Operation of the probe button

Printing delay in seconds: 10 + -

Number of copies to be printed: 0 + -

☒ Auto-off

Auto-off after (value in minutes): 10 + -

Ticket headings

READING NUMBER Reading #

The value cannot be changed when the 'Auto-off' feature is disabled.

DEFINING THE HEADINGS TO BE DISPLAYED ON THE TICKET

To customise the headings to be displayed on the ticket, change the respective fields in the 'Ticket headings' section. Changes made are reflected immediately on the 'Ticket layout' (General tab).

DEFINING THE MESSAGES TO BE DISPLAYED ON THE DTR DISPLAY

To customise the messages to be displayed on the DTR display, change the respective fields in the 'Messages on the DTR display' section.

RESETTING THE ADVANCED SETTINGS TO DEFAULT VALUES

To reset all advanced settings ('Operation of the remote button', 'Auto-off', 'Ticket headings' and 'Messages on the DTR display'), click on the 'Default' button in the 'Advanced Settings'.

SWITCH OFF

Default Close

WARNING: resetting 'advanced settings' to default is an irreversible action.



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